

SURFRIDER FOUNDATION



A non-profit environmental organization dedicated to the protection and enjoyment of the world's oceans, waves and beaches through a powerful activist network.

www.OceanFriendlyGardens.org

What Does a Garden Have To Do With the Ocean?

Urban runoff is the **#1 source** of ocean pollution.

Sources:



Nutrients (~nitrogen in fertilizer) increase algae populations and red tides;

Bacteria & viruses (~dog poo) close beaches;

Oil, grease & brake pad dust (metals)

Debris (~trash) can choke and suffocate aquatic species;

Pesticides can poison fish consumed by humans.

Sediment (~soil) in water reduces clarity;



Isn't Runoff Illegal or Regulated Under Federal Law?

Federal Clean Water Act

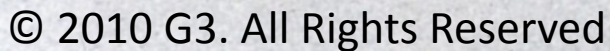
Regulates dry- and wet-weather runoff from government, industrial, and construction activities under the Non-Point Source Discharge Elimination System (NPDES).

Primary objectives:

- Prohibit non-stormwater discharges (dry-weather runoff); and
- Reduce the discharge of pollutants from stormwater to the Maximum Extent Practicable (MEP) standard.

Permittees must develop and implement programs, e.g., Public Information and Participation Program.







Concentrate on Retaining First Flush:

When It Does Rain:

The First $\frac{3}{4}$ – 1 Inch of rain

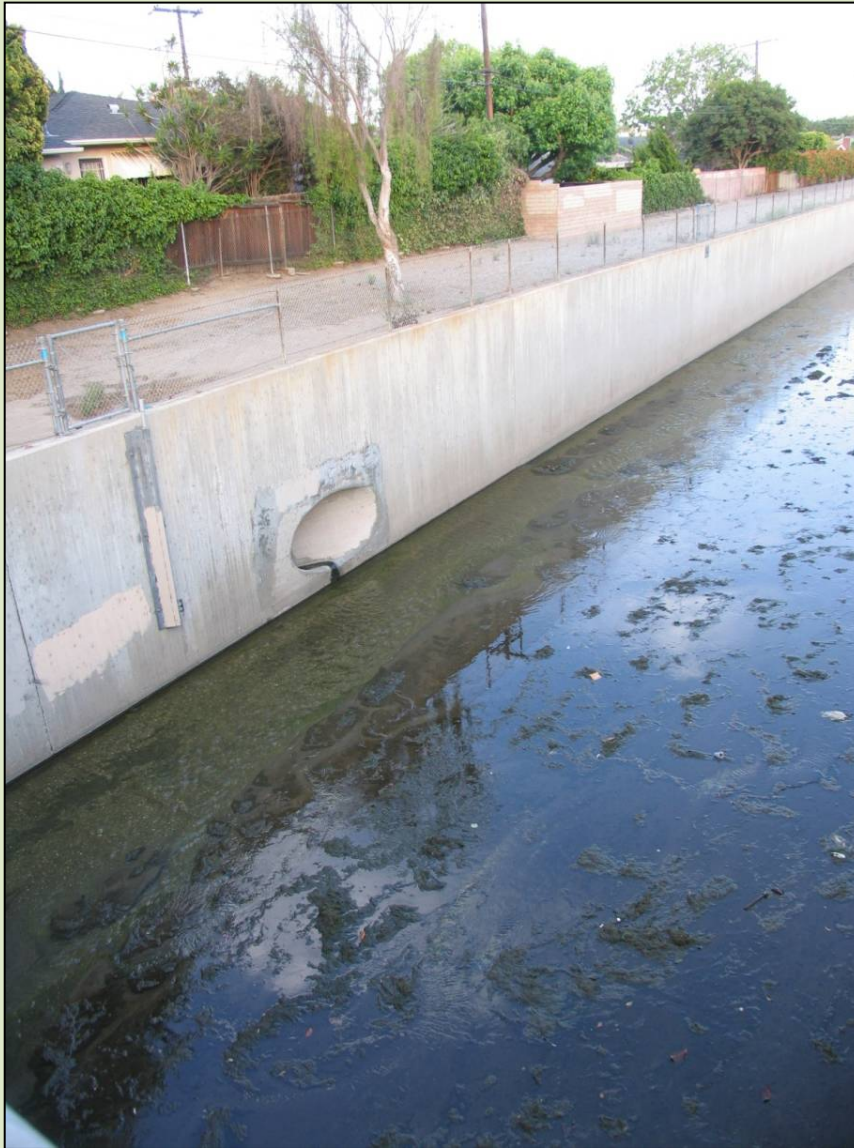
**We Throw The Water Away
after a dry period.**

**Impermeable Surfaces Keep Rainwater From Recharging
our Ground Water and Lakes**

To Storm Drains ...



Through the Flood Control System ...



During a storm, billions of gallons of water may run through the storm drain system.

This overwhelms the cleaning system and pollutes our waterways.

Increased runoff also means decreased groundwater recharge.



To Our Oceans and Beaches ...



Image courtesy of Heal the Bay



Killing Life ...



Image courtesy of Heal the Bay.



What can just ONE
PERSON do?

Building on Work of Surfrider Beach Clean-ups and Water Testing





Image courtesy of www.lrkimball.com

Apply CPR to Bring Life Back to Our Watersheds and Oceans

What's a **Watershed**?

"A watershed is the area of land where all of the water that is under it or drains off of it goes into the same place." -USEPA



Think of Your Property As A Mini-Watershed

Apply CPR To Be Part of the Solution, Not the Pollution:

Conservation

Permeability

Retention



Your Yard Is Connected To The Beach

Conservation of Water, Fertilizers, Pesticides and Herbicides, Energy, Wildlife Habitat, Reduced Air Pollutants, and Yard Waste through native or climate-appropriate plants, spaced with their mature size in mind.

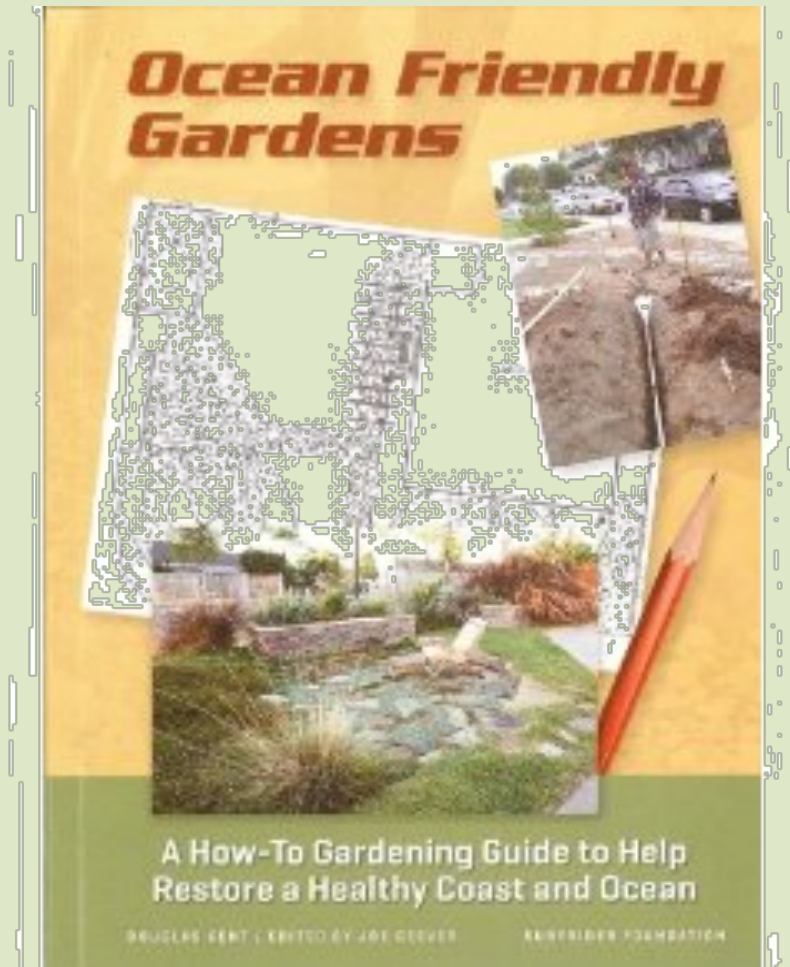
Permeability through healthy, biologically active soil, and utilizing materials for (or making a cut in) driveways, walkways, and patios that allow water to percolate into the soil.

Retention devices like rain chains, rain barrels and sponge gardens retain water in the soil for the dry seasons or save it to water veggies, preventing it from running off the property.



OFG Program Has Tools & Lots Of Ways To Participate

OFG How-To Book (buy online)



OFG Blog and Website



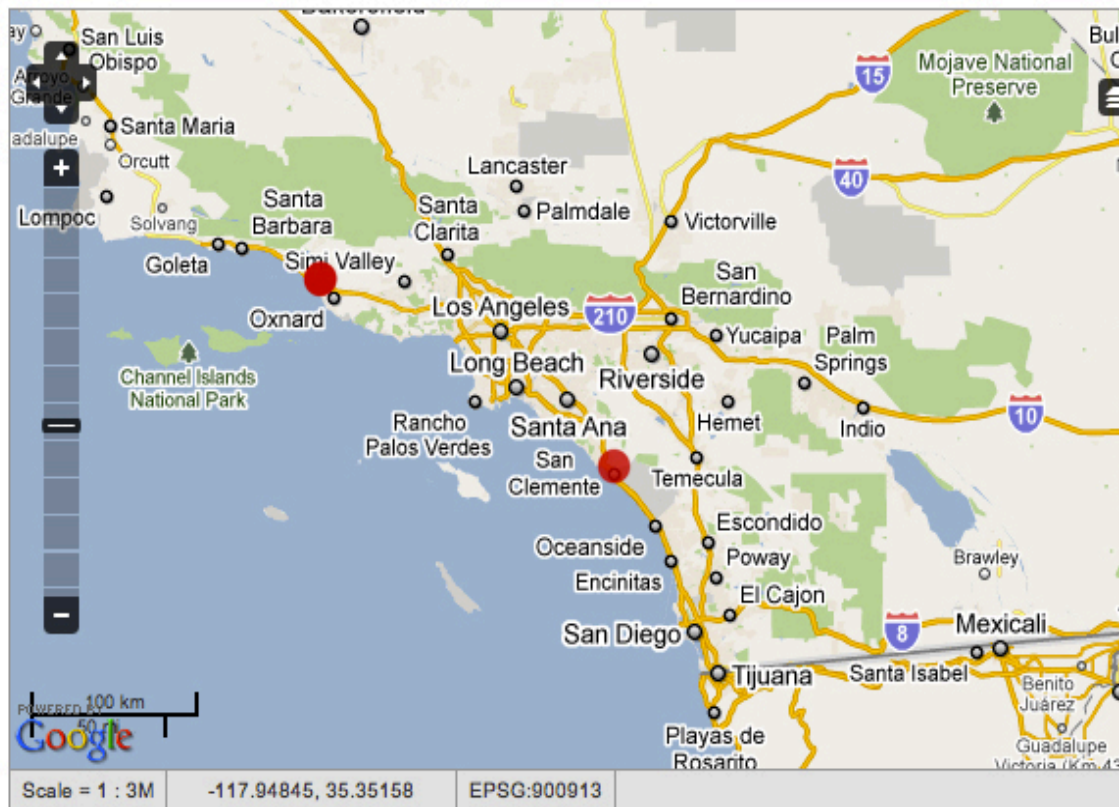
Track Gardens Implementing CPR

www.oceanfriendlygardens.crowdmap.com

An Ocean Friendly Garden (OFG) is a garden that applies CPR – Conservation, Permeability, and Retention – to revive the health of our watersheds and oceans. Please tell us about your yard.

FILTERS → **REPORTS** NEWS PICTURES VIDEO ALL

↓ CATEGORY FILTER [HIDE]



ALL CATEGORIES

CONSERVATION

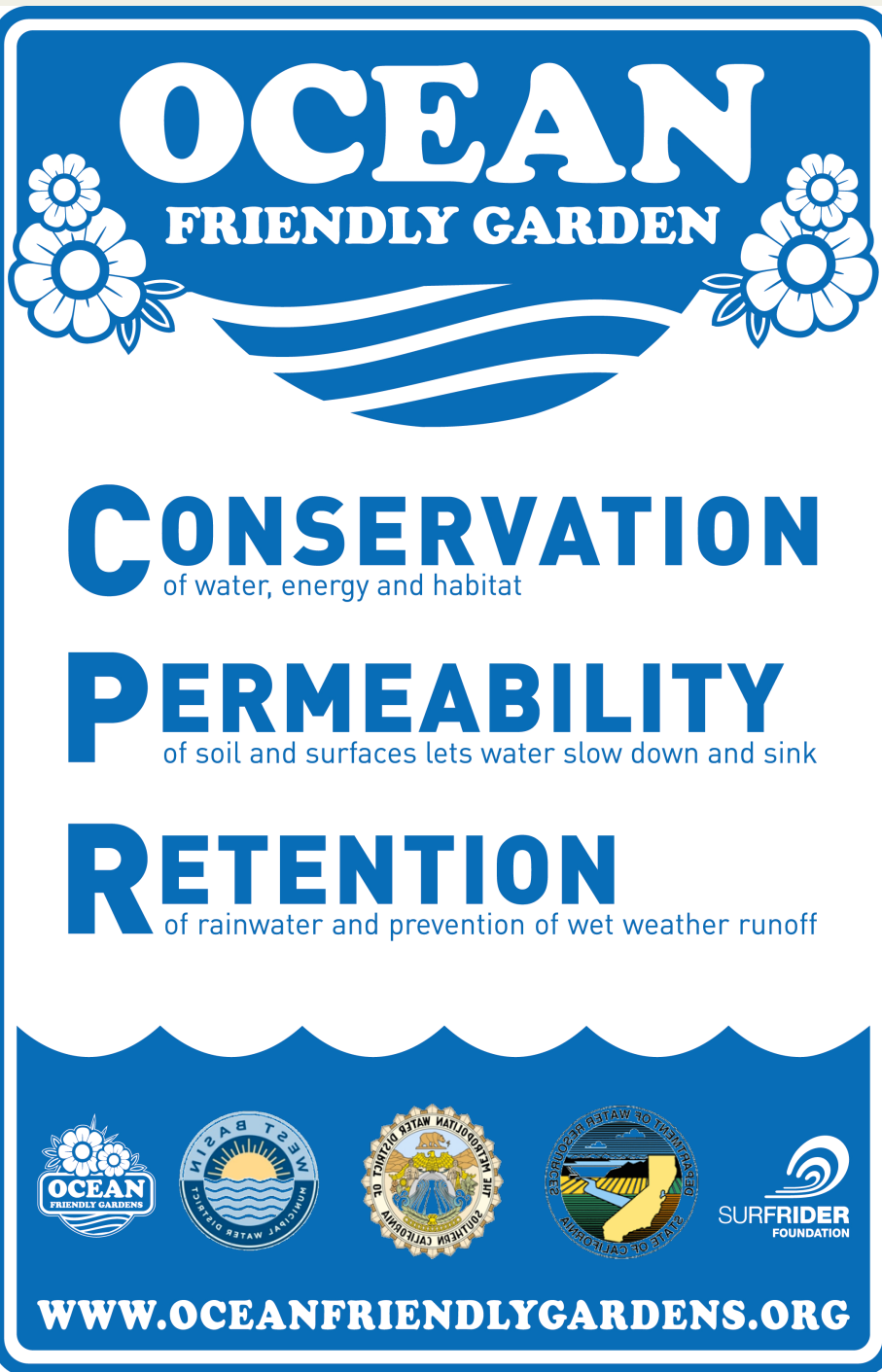
PERMEABILITY

RETENTION

How to Report

1. By sending an email to mrauscher@surfrider.org
2. By filling this form





And To Award You a Yard Sign
When You Do

Sign Criteria at:
www.oceanfriendlygardens.org



Educate at Events



OFG Lawn Patrol = Neighborhood Walks



We Look For Gardens That Are Ocean Friendly



Or Like This



And Educate About Gardens That Are Not



We Offer Assistance To Make Your Garden Ocean Friendly

OCEAN FRIENDLY GARDENS PROGRAM FROM THE SURFRIDER FOUNDATION

LAWN PATROL STOPPED BY, AND WE LOVE YOUR GARDEN!



DATE:

TIME:

We toured your neighborhood, and noticed your garden has many features of an Ocean Friendly Garden which utilizes CPR:

☐ Conservation

☐ Permeability

☐ Retention

Comments:

Attend a Class or Workshop and get involved!



Attend An OFG Basics Class



Participate In A Hands-on Workshop (HOW)



Volunteer at a Workday (Garden Assistance Party)



OFG Is Part of www.KnowYourH2O.org

Surfrider's integrated approach to water

Also includes:

- Graywater
- Low Impact Development (LID)
- Recycled Water
- Inter-governmental agency cooperation